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N.E.

MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : ALUMINUM ENAMEL 0002354

IDENTIFICATION NUMBER: 7715 402

DATE PRINTED : 07/03/00

PRODUCT USE/CLASS : PROFESSIONAL ENAMEL

SUPPLIER: MANUFACTURER:

Rust-Oleum Corporation Rust-Oleum Corporation 11 Hawthorn Parkway 11 Hawthorn Parkway Vernon Hills, Illinois Vernon Hills, Illinois

60061 USA 60061 USA

(847) 367-7700 Rust-Oleum Corp. (847) 367-7700 Rust-Oleum Corp. 8:00 AM-4:30 PM/24-hr Emer.Assist 8:00 AM-4:30 PM/24-hr Emer.Assist

PREPARER: L.J.W., PHONE: 847-816-2445, PREPARE DATE: 06/28/00

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

ITEM ----- CHEMICAL NAME ----- CAS NUMBER LESS THAN

01	Stoddard Solvent	8052-41-3	25.0 %
02	ALUMINUM	7429-90-5	20.0 %
03	Petroleum Distillates	64742-47-8	20.0 %
04	XYLENE	1330-20-7	5.0 %
05	MIXED CORALT CARROXVIATES	MOT AVATLARI.F	1 0 %

----- EXPOSURE LIMITS --------

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	ACG	IH	OSH	A	MEXICAN	
ITEM	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING	TLV-TWA	SKIN
01	100ppm	N.E.	100ppm	N.E.	100 PPM	NO
02	10 MG/M3	N.E.	15 MG/M3	N.E.	N.E.	NO
03	N.E.	N.E.	N.E.	N.E.	N.E.	YES
04	100PPM	150PPM	100PPM	N.E.	100 PPM	YES

N.E.

N.E.

NO

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(See Section 16 for abbreviation legend)

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Page 2	roduct: 7715 402 Preparation Date: 06/28/00 Page	Product: 7715
	SECTION 3 - HAZARDS IDENTIFICATION	
-	SECTION 3 - HAZARDS IDENTIFICATION	+

*** EMERGENCY OVERVIEW ***: Causes eye irritation. Vapors irritating to eyes and respiratory tract. Combustible liquid and vapor. Harmful if inhaled. May effect the brain or nervous system causing dizziness, headache or nausea.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Causes eye irritation.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: May cause skin irritation.

EFFECTS OF OVEREXPOSURE - INHALATION: Harmful if inhaled. May cause headaches and dizziness. High vapor concentrations are irritating to the eyes, nose, throat and lungs.

EFFECTS OF OVEREXPOSURE - INGESTION: Substance may be harmful if swallowed. Aspiration hazard if swallowed; can enter lungs and cause damage.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Overexposure to xylene in laboratory animals has been associated with liver abnormalities, kidney, lung, spleen, eye and blood damage as well as reproductive disorders. Effects in humans, due to chronic overexposure, have included liver, cardiac abnormalities and nervous system damage. Contains a Cobalt compound. IARC lists Cobalt and Cobalt compounds as as possible human carcinogens (group 2B). However, there is inadequate evidence of the carcinogenicity of cobalt and cobalt compounds in humans and limited evidence in experimental animals.

PRIMARY	ROUTE(S)	OF	ENTRY:	TNHALATTON	FYF	CONTACT

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1	SECTION 4 - FIRST AID MEASURES
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FIRST AID - EYE CONTACT: Hold eyelids apart and flush with plenty of water

for at lease 15 minutes. Get medical attention.

FIRST AID - SKIN CONTACT: Wash with soap and water. Get medical attention if irritation develops or persists.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

FIRST AID - INGESTION: Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. Get immediate medical attention.

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Product: 7715 402 Preparation Date		_
SECTION 5 - FIRE FIGHTII	NG MEASURES	ĺ
FLASH POINT: 105 F	LOWER EXPLOSIVE LIMIT: UPPER EXPLOSIVE LIMIT:	0.6 %
AUTOIGNITION TEMPERATURE: ND		
EXTINGUISHING MEDIA: DRY CHEMICAL FOAM W	ATER FOG	
UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep co	ontainers tightly closed	d.
SPECIAL FIREFIGHTING PROCEDURES: Water may containers to prevent pressure buildup and pexplosion. Evacuate area and fight fire from	possible autoignition or	<u>c</u>
+	EASE MEASURES	į
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEAST liquid with sand or earth. DO NOT use combos sawdust. Dispose of according to local, staregulations. Do not incinerate closed contains	ustible materials such a ate (provincial) and fed ainers.	as leral
SECTION 7 - HANDLING AI	ND STORAGE	1

HANDLING: Wash thoroughly after handling. Wash hands before eating. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Avoid breathing vapor or mist. Avoid contact with eyes.

STORAGE: Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Keep away from heat, sparks, flame and sources of ignition. Keep container closed when not in use.

ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

RESPIRATORY PROTECTION: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace

conditions warrant a respirator's use. A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is

any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

SKIN PROTECTION: Use impervious gloves to prevent skin contact and absorption of this material through the skin. Nitrile or Neoprene gloves may afford adequate skin protection.

EYE PROTECTION: Use safety eyewear designed to protect against splash of liquids.

OTHER PROTECTIVE EQUIPMENT: Refer to safety supervisor or industrial hygienist for further information regarding personal protective equipment and its application.

HYGIENIC PRACTICES: Wash thoroughly with soap and water before eating,

drinking or smoking.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES BOILING RANGE : 276 - 383 F VAPOR DENSITY : Is heavier than air ODOR : SOLVENT ODOR THRESHOLD : ND APPEARANCE : LIQUID EVAPORATION RATE: Is slower than Ether SOLUBILITY IN H2O: INSOLUBLE SPECIFIC GRAVITY: 1.2145 FREEZE POINT : ND VAPOR PRESSURE : ND pH @ 0.0 % : ND VISCOSITY : ND PHYSICAL STATE : LIQUID COEFFICIENT OF WATER/OIL DISTRIBUTION: ND (See Section 16 for abbreviation legend) +-----SECTION 10 - STABILITY AND REACTIVITY CONDITIONS TO AVOID: Avoid all possible sources of ignition. INCOMPATIBILITY: Incompatible with strong oxidizing agents, strong acids and strong alkalies. HAZARDOUS DECOMPOSITION PRODUCTS: By open flame, carbon monoxide and carbon dioxide. When heated to decomposition it emits acrid smoke and irritating fumes. HAZARDOUS POLYMERIZATION: Will not occur under normal conditions. STABILITY: This product is stable under normal storage conditions. (Continued on Page 5) Product: 7715 402 Preparation Date: 06/28/00 Page 5 +-----+ SECTION 11 - TOXICOLOGICAL PROPERTIES +----+ COMPONENT TOXICOLOGICAL INFORMATION: ----- CHEMICAL NAME ----- LD50 ----- LC50 -----Stoddard Solvent 4900 mg/kg(rat) N.E. ALUMINUM >5000 MG/M3 N.E. Petroleum Distillates >5000mg/kg No Information

XYLENE
MIXED COBALT CARBOXYLATES

RAT 4300MG/KG RAT 5000PPM 4HR 1200-1600 MG/KGRAT >5.0 MG/L RAT

	SECTION 12 - ECOLOGICAL INFORMATION			
ECOI Acco TSCA Sect	LOGICAL INFORMATION: Product is a mixture of listed componeration to our raw material suppliers, all components are list inventory as required or meet the polymer exemption as detailed to be supplied to the Toxic Substances Control Act.	ents. sted fined	on tl d in	ne
İ	SECTION 13 - DISPOSAL CONSIDERATIONS			
DISI fede	POSAL METHOD: Dispose of material in accordance to local, a eral regulations and ordinances. Do not allow to enter storer systems.	state rm di	e and rains	or
	SECTION 14 - TRANSPORTATION INFORMATION			
DOT	PROPER SHIPPING NAME: PAINT TECHNICAL NAME: HAZARD CLASS: 3 HAZARD SUBCLASS:			
	UN/NA NUMBER: UN1263 PACKING GROUP: III RESP. GU	IDE I	PAGE:	127
+	SECTION 15 - REGULATORY INFORMATION			+ +
OSHA	FEDERAL REGULATIONS: AS FOLLOWS - A: Hazardous by definition of Hazard Communication Standard 0.1200)	(29	CFR	
	(Continue	d on		
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SECTION 15 - REGULATORY INFORMATION

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CERCLA - SARA HAZARD CATEGORY:

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD CHRONIC HEALTH HAZARD FIRE HAZARD REACTION HAZARD

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL NAME	CAS NUMBER WT/WT % IS	LESS THAN
ALUMINUM	7429-90-5	20.0 %
XYLENE	1330-20-7	5.0 %
MIXED COBALT CARBOXYLATES	NOT AVAILABLE	1.0 %

U.S. STATE REGULATIONS: AS FOLLOWS -

NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product:

		CHEMICAL	NAME	 CAS	NUMBER
ALKYD R	ESIN			NOT	AVAILABLE

PENNSYLVANIA RIGHT-TO-KNOW:

The following non-hazardous ingredients are present in the product at greater than 3%:

	CHEMICAL	NAME	 CAS	NUMBER
ALKYD RESI	IN		NOT	AVAILABLE

CALIFORNIA PROPOSITION 65:

WARNING: The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer, birth defects or other reproductive harm:

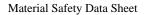
 CHEMICAL	NAME	 CAS	NUMBER

According to our raw material suppliers no Proposition 65 chemicals exist in this product above OSHA de minimus levels. All products comply with label provisions of Proposition 65.

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

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			402	Preparation Date:	06/28/00		Page	
i		SEC	CTION 15	- REGULATORY INFOR	RMATION			
	CANADIAN WHMIS CLASS: B3 D2A D2B							
	+ SECTION 16 - OTHER INFORMATION							
HMIS RAT	INGS -	- HEALTH:	: 2*	FLAMMABILITY: 2	REACTIVITY: 0			
PREVIOUS	MSDS	REVISION	N DATE:	05/11/00				
LEGEND:		- Not Ag	_	e, N.E Not Estal d	olished,			
: No In	format	cion.						



The information contained on this MSDS has been checked and should be accurate. However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.
